STARIN

Display Guide 2008

WHAT'S INSIDE?

JVC

For nearly 80 years the JVC brand name has been associated with the very best in audio and video entertainment, and has also been a strong supporter of the creative side of the entertainment world. Featured in this guide are the consumer HDTV's which are useful in commercial applications like sports bars, restaurants, lounges, nightclubs and lobbies. JVC offers professional electronics products through JVC Professional Products Company, which distributes a complete line of broadcast, professional and presentation equipment.

HYUNDAI

Since 2000, Hyundai IT has been the manufacturer of quality monitors and digital TVs for business and professional markets. As a recognized global leader, Hyundai continues to exemplify the driving force for growth with the right balance of technology innovations and customer satisfaction.

There are two categories of products in this guide:
1) Standard AV HDTV's - Displays full HD images that are more brilliant up to twice as much as existing images.
2) Commercial Grade Digital Information Displays - Equipped with rugged construction and optional features like touch screen.

Starin has teamed up with Hyundai to offer a smart go-to-market pricing model with minimal impact from Internet-only e-tailers.

HYUNDAI

Standard AV - Full 1080 HDTV's

The E425D & E465D come equipped with great features. These HDTV's have built-in ATSC digital tuners that receive over the-air DTV signal. You can program analog TV broadcasting and digital TV broadcasting automatically at the same time for multi-viewing. Choose different screen settings depending on the type of program you are watching or the surrounding conditions (the outside weather conditions). Also, choose an optimal sound setting for the type of program you are watching. You can switch among custom Standard, Movies, Music and Speech options or you can configure the sound settings for yourself. With SRS TrueSurround XT enjoy dynamic and surround sound with ordinary speakers.

E425D - 42"

E465D - 46"

Features for E425D & E465D:
- Display Resolution: 1920x1080 (16:9)
- Contrast Ratio: 4000:1 (Dynamic Contrast)
- Integrated ATSC Tuner
- Response Time - 6 ms
- Progressive Scan
- FiT Engine
- Color Tone Control
- Lamp Life - 50,000 Hr
- designed to run 24/7
- Shipping Weight: 85 lbs

Inputs and Outputs:
- Antenna (RF): 1
- PC Analog Input (RGB, D-Sub): 1
- HDMI (HDCP): 3
- Composite: 1
- S-Video:1
- Component (Y/Pb/Pr): 1
- PC Audio
- Monitor Video Out: 1
- Monitor Audio Out: L/R (RCA)
- Digital Audio Output (SPDIF): Stereo
- RS232 Control

Accessories:
AC Power Cable
Antenna (RF) Cable
Remote Control
2 AAA Batteries
User's Guide

HYUNDAI

Broadcast your branding with Hyundai IT Digital Signage!

Ultra-High Native Resolution
With a native resolution of 1366 x768, the Hyundai Digital Signage display series can display high-resolution and more data information on the 40" and 46" LCD screen in 16:9 ratio format. The native HD resolution delivers better brightness and more crisp images for displaying HD graphics and videos.

More Screen Units, Less Slim Frame
When multiple displays are required in installation to display unified images, the ultra slim bezel makes it easier than ever to build amazing digital signage video wall solutions.

Video Wall Function
Greatly enhance the features and functions to display for digital signage video wall solution. Daisychain refers to assigning and dedicating an individual display ID to each display. Screen Enlarger refers to enlarging the single image or video for displaying full screen video wall.

Better Video Connection
Multiple input connectors: BNC (Component, Composite), HDMI and D-sub15 can integrate to full range of external A/V devices.

Wide Viewing Angle
The wide viewing angle (178°) is very beneficial in meeting environments where detailed information is viewed by all participants.

Specialized LCD Panel for Out of Home Application
Commercial grade LCD panels have higher brightness (over 700cd/m2) and contrast than LCD TV panels. This allows 24/7 system operation and can deliver clearer and brighter image content in portrait or landscape setting.
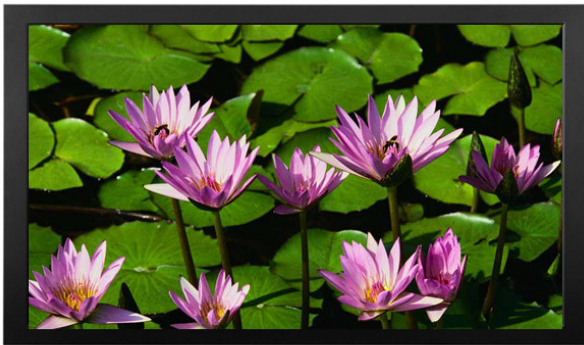
In/Out Expandability
With various Input/Output ports [HDMI, DVI, BNC (Component/Composite), VGA] users can easily connect and install multiple screens with their system.

STARIN

HYUNDAI

Digital Information Display

Hyundai D400ML and D460ML have the best configuration to support Digital Signage Video Walls from one display to multiple displays. The D400ML & D460ML are almost seamless for a multi unit wall matrix, and these models are on the cutting edge of ultra narrow bezel displays. The built-in daisy chain function allows individual displays to support multi viewing configuration. Hyundai digital signage displays are easy to install in landscape or portrait settings.

D400ML - 40"

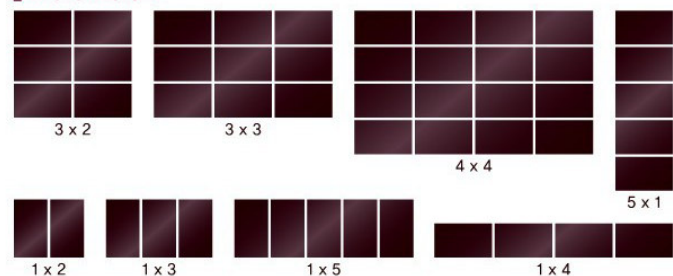-- STOCKING --

D460ML - 46"

-- STOCKING --

Features for D400ML & D460ML:
- Native Resolution (DTV): 1366 x 768 (WXGA)
- Contrast Ratio: 2000:1
- Response Time: 8 ms
- Lamp Life: 50,000 Hr
- Metal bezel
- Multi-Screen Function (Loop): HDMI, PC Analog RGB, Component (BNC), Composite (BNC)
- Auto Power Control (On & Off timer)
- Shipping Weight D400ML: 72 lbs
- Shipping Weight D460ML: 92 lbs

Inputs and Outputs:
- Analog RGB
- HDMI
- Composite (BNC)
- Component (BNC)
- PC Audio
- Component Audio
- Composite Audio
- RS232C

MultiVision

3 x 2　　3 x 3　　4 x 4　　5 x 1

1 x 2　　1 x 3　　1 x 5　　1 x 4

SPECIAL ORDERS:
D525ML 52"
D575ML 57"
D705ML 70"

Accessories for D400ML & D460ML:
Power Cord
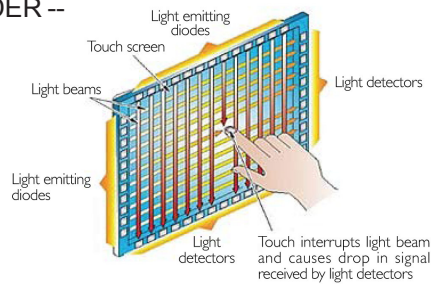User's Guide
HDMI Cable
Remote Control

HYUNDAI

Digital Information Display

Infrared Ray Touch Display

The MLI series shows the same great features of the ML series but with the added bonus of an Infrared Ray Touch Display. These attractive displays come in 40" / 42" / 46" / 52" / 57" / 70".

-- SPECIAL ORDER --

▲ Infrared Rays Touch Screens

Features:
- Housing: Black Powder Coated Metal
- Touch Resolution: 10,624 x 6,016
- Response Time: Touch: 21, Drawing: 33 ms
- Touch Intensity: Over 60,000,000
- Detection Method: Infared Rays
- Interface: USB 1.1
- Optics Cell Pitch(mm): 5.35
- Operating Voltage(V): 4.6~5
- Power (W): 0.6 (120mA/5V)
- Bezel Size with Touch Screen (U/D/L/R): 1.54 / 1.54 / 2.05 / 2.05

Optical Touch Display

Hyundai MLC series is a Touch display with Optical touch display. Optical touch technology has camera senor touch. These amazing displays come in 52" / 57" / 70".

-- SPECIAL ORDER --

Features:
- Housing: Silver Aluminum
- Display Resolution: 32,000 x 18,000
- Response Time: 10 ms
- Touch Intensity: No Limit
- Detection Method: Infared Rays
- Interface: USB 2.0
- Operating Voltage(V): 5
- Power (W): 1.5 (300mA/5V)
- Bezel Size with Touch Screen (U/D/L/R): D525MLC 4.63 / 1.30 / 1.30 / 1.30

STARIN

JVC

LCD TV's

JVC's LCD televisions, with stylish cosmetics, take into consideration every feature the demanding digital customer is looking for now and for the future. These units' connectivity take into consideration todays digital world. Ideal for any room in the house!

LT32E479 - 32"

Features:
• Display Resolution: 1366 x 768 (WXGA)
• Contrast Ratio: 1500:1
• VESA Compliant
• Response Time: 8msec
• Brightness: 500cd/m2
• Natural Cinema (3-2 Pull Down)
• Black Level Expansion
• Color Management System
• 4 Video Status Modes (Standard/Game/Theater/Dynamic)
• Panel w/ Stand Weight: 29.9 lbs

Inputs and Outputs:
• 3 HDMI w/HDCP Digital Video Inputs (60i/60p)
• 2 Component Video Inputs
• 1 S-Video & 2 AV Inputs
• 1 Optical Digital Audio Output
• 1 Fixed Audio Output
• 1 USB Input for Photo Viewer

LT42X579 - 42"

Features:
• Display Resolution: 1920x 1080 (WXGA)
• Contrast Ratio: 2000:1
• VESA Compliant
• Response Time: 6.5msec
• Brightness: 500cd/m2
• Natural Cinema (3-2 Pull Down)
• Black Level Expansion
• Color Temperature Control: Cool/Natural/Warm
• 4 Video Status Modes (Standard/Game/Theater/Dynamic)
• Panel w/ Stand Weight: 56.1 lbs

Inputs and Outputs:
• 3 HDMI w/HDCP Digital Video Inputs (60i/60p)
• 2 Component Video Inputs
• 1 S-Video & 2 AV Inputs
• 1 Optical Digital Audio Output
• 1 Fixed Audio Output
• 1 USB Input for Photo Viewer

JVC®

LCD TV's

For 2008, JVC's line-up of widescreen Full HD 1080p flat panel displays bring a new dimension to home theater, literally. JVC's line-up of panels was not only engineered to excite the most extreme audio visual enthusiasts, but also to influence the creative minds of the most discriminating home decorators.

LT47X579 - 47"

Features:
- Display Resolution: 1920 x 1080 (WXGA)
- Contrast Ratio: 1500:1
- VESA Compliant
- Response Time: 6.5msec
- Brightness: 500cd/m2
- Natural Cinema (3-2 Pull Down)
- Black Level Expansion
- Color Temperature Control: Cool/Natural/Warm
- 4 Video Status Modes (Standard/Game/Theater/Dynamic)
- Panel w/ Stand Weight: 63.1 lbs

Inputs and Outputs:
- 3 HDMI w/HDCP Digital Video Inputs (60i/60p)
- 2 Component Video Inputs
- 1 S-Video & 2 AV Inputs
- 1 Optical Digital Audio Output
- 1 Fixed Audio Output
- 1 USB Input for Photo Viewer

LT52X579 - 52"

Features:
- Display Resolution: 1920 x 1080 (WXGA)
- Contrast Ratio: 2000:1
- VESA Compliant
- Response Time: 6.0msec
- Brightness: 500cd/m2
- Natural Cinema (3-2 Pull Down)
- Black Level Expansion
- Color Temperature Control: Cool/Natural/Warm
- 4 Video Status Modes (Standard/Game/Theater/Dynamic)
- Panel w/ Stand Weight: 74.8 lbs

Inputs and Outputs:
- 3 HDMI w/HDCP Digital Video Inputs (60i/60p)
- 2 Component Video Inputs
- 1 S-Video & 2 AV Inputs
- 1 Optical Digital Audio Output
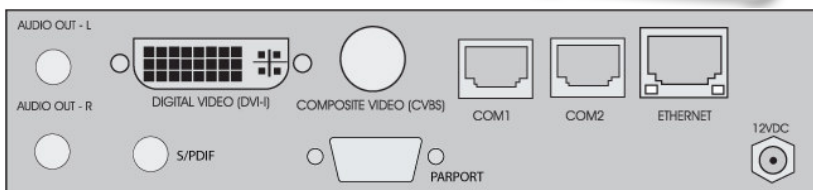- 1 Fixed Audio Output
- 1 USB Input for Photo Viewer

STARIN

ADTEC Digital

SignEdje Digital Signage

SignEdje 4 - Flash Memory 4 GIG

SignEdje 8 - Flash Memory 8 GIG

SignEdje HD - 80 GIG hard drive

All models feature:
- MPEG 2 & MPEG 4 decoding
- Up to 720p and 1080i resolutions
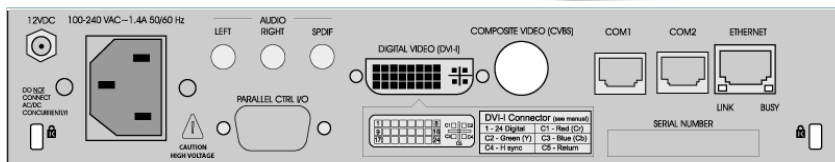- 25 Mbps data speed decoding

Video Outputs:
- One decode configurable to DVI-I or Composite (BNC)

Audio Outputs:
- S/PDIF digital audio (RCA female), Analog stereo audio (L/R RCA)

Edje4111 HD

Features:
- Synchronization among multiple displays (frame accurate)
- 80 GIG Hard Drive storage
- MPEG 2 & MPEG 4 decoding
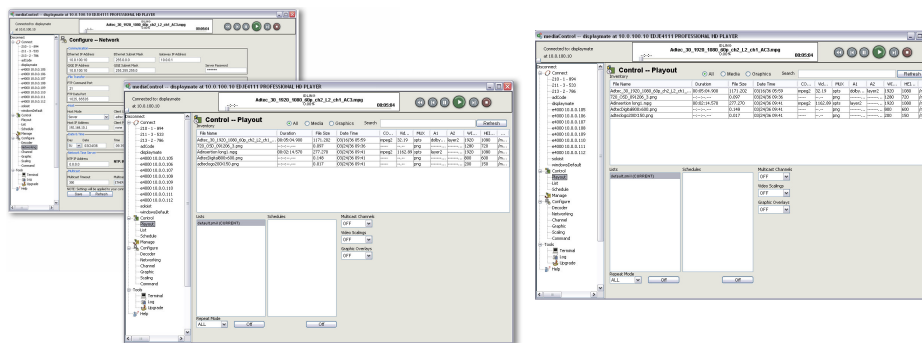- Up tp 720p and 1080i reslutions
- 25 Mbps data speed decoding

Video Outputs:
- One decode configurable to DVI-I or Composite (BNC). Cable required for VGA, YUV, HDMI, RGBHV and RGB.

Audio Outputs:
- S/PDIF digital audio (RCA female), Unbalanced analog stereo audio (1/8" female).

Media Control

- Media Control is content management and scheduling software. It lets you manage your media and schedules on the player while controlling the playout.

Soloist End-point Server

Soloist-HD Pro

The Soloist-HD Pro is a broadcast quality High Definition (HD) MPEG 2 and AVC decoder. Multi-CODEC decoding has never been easier or more reliable. The Soloist-HD Pro supports ASI, GIGE and Hard Drive Transport Stream decoding.
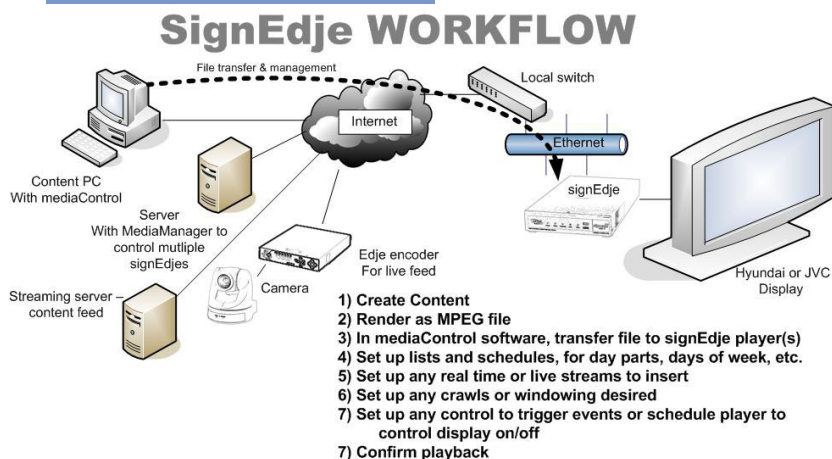
Encoding

Media Hub HD Pro

The Media HUB-HD Pro is a real-time Broadcast-quality MPEG 2 High Definition encoder. It is designed to support the most demanding Contribution, ATSC, DVB and IPTV Distribution and Cable Labs compliant VOD and DPI studio encoding requirements. Ideal for point-to-point origination facility to viewing friendly application.

Edje 2000 - MPEG 2, Broadcast Quality
Edje 2100 & 2110 - MPEG 2, Broadcast Quality SD
Edje 4000 & 4010 - MPEG 4, Enterprise Quality SD

Adtec Digital Signage Workflow

Simple signEdje signage
If someone is familiar with creating slides in PowerPoint, they could simply use a program like Camtasia or Pro Show Gold that will convert a PPT into a video file to play.

Then, transfer the video file with the free mediaControl software from Adtec to the signEdje. By dropping it into the default list you can simply have a number of files play in rotation. If you want to show things at specific times or create your own order of appearances, you can do that.

Advanced application
If you want to get more creative, you can have the signEdje play videos and insert a graphic ID overlay, create a crawl of text info, insert real-time feeds at specific times, take a live feed from any video source for an announcement, have a recorded file on a remote server play by a trigger at the display site or activated from another system (i.e. life safety), have external control begin files on the signEdje (touch panel control) or have the signEdje control external devices, like turning on & off the display during off hours.

Starin is ready to help you learn the system control, so you can orient your customer.

Display Mounts
Flat Panel Display Mounts & Carts

Atlas - Flat-Panel Mounts

Flat Mounts (PRF and UFM) **-** Atlas Flat Wall Mounts combine superior stability and security to create a solid platform for your large screen flat-panel display.

Tilting Mounts (PTM, PTM-B, PCMMS2, PCMMS3, CT-MS1, CTM-MS2, CTM-MS3, CTM-MS4) **-** Atlas Tilting Wall Mounts are simple to install and continuously adjustable for comfortable viewing from any distance within the room.

Rotating Mounts (RFM) - As the industry's only large screen flat-panel wall mount that's designed for portrait or landscape configurations (while keeping your display flat against the wall), the new RFM lets you view your display anyway you like.

Ceiling Mounts (PRC) **-** For a perfect flat-panel ceiling installation and exceptional viewing versatility in any room, the PRC Ceiling Mount adjusts from 24" - 46" and offers almost unlimited adjustment configuration opportunities 75/100 VESA.

Infinity - Swingout Wall Mounts

AM2 - The AM2 Swingout Arm fits most 10 to 37-inch displays and features Premier Mounts' exclusive Radial Glide Technology™ (patent-pending), that allows effortless tilt with release at any point for perfect adjustment and viewing pleasure.

AM250 - As the first universal 'scissor-style' Swingout Arm from Premier Mounts, the AM250 fits most 37 to 50-inch displays and offers nearly infinite articulation for amazing viewing flexibility from anywhere in the room.

AM3 - The AM3 Swingout Arm fits most 40 to 61-inch displays and the lets users extend the display 4" to 25" from the wall. There's also full articulation, our exclusive Radial Glide Technology™ (patent-pending) and much more.
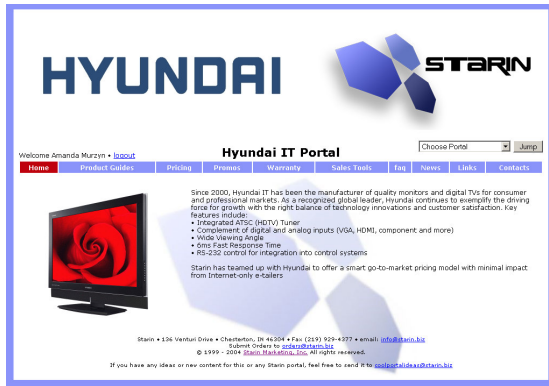
Terra - Floor stands & Carts

Stands (TS Stand, CS Stand, PSP) **-** For a single flat-panel display or many, Terra Floor Stands combine unsurpassed stabilty with outstanding visual appeal for the home, business or education.

Carts (VPS Floor Stand, PSD-BW Nesting Cart, PSD-EB72C Floor Cart) **-** Terra Carts offer you strength, stability and mobility for home, office and educational purposes. In addition, every Terra Cart is available in multiple heights with cable management and optional cover packs, along with optional shelving for a DVD, Laptop or other device.

Mounts(UFA flat, CTM tilt, USA swivel, RTM rotary) **-** Designed to work beautifully with Premier Carts and Stands, the UFA, USA, RTM and CTM mounts offer a variety of innovative features that let you display your flat panel TV in any number of ways for home, business or educational use.

Visit Starin's Hyundai Reseller Portal:
http://hyundai.starin.biz

Visit Starin's JVC Reseller Portal:
http://jvc.starin.biz

Visit Starin's Adtec Reseller Portal:
http://adtec.starin.biz

136 Venturi Drive Chesterton, IN 46304